

DRAWING AND SPECIFICATION TRANSMITTAL
LOCKWOOD GREENE ENGINEERS, INC.

SPARTANBURG, SOUTH CAROLINA 29304
 P.O. BOX 491 (803) 582-235

TO Naval Facilities Engineering
 Command
 Atlantic Division
 Norfolk, Va. 23511

DATE Dec. 10, 1979
 JOB NO. 77239.16
 JOB NAME Naval Regional Medical Center

TRANSMITTAL NO. 183
 SHEET 1 OF 1
 ORDER NO.
 Contract Number
N-62470-77-C-7526

ATTN: Mr. John Grubbs - Code 05

WE ARE SENDING YOU THE FOLLOWING DATA xx HEREWITH _____ UNDER SEPARATE COVER

QUAN.	DOCUMENT NO.	REV. NO.	DESCRIPTION	VENDOR	CC
1			Equipment Lists: Pharmacet Med. Center, NSF	Amp. Continental	
1			Nourishment Centers, Autopsy Tables and	Metal Products	
1			IV Prepration & Storage Centers	Co., Inc.	
1			Mfg. Data for Above Equipment	"	
			Install Instruction for Above Equip.	"	
			Shop Drawings for Above Equipment	"	

LOCKWOOD GREENE DOCUMENTS

CODE FOR

- A - INFORMATION
- B - REVIEW
- C - APPROVAL
- D - REVISED DWG. (SEE REVISION)

- E - BID
- F - CONSTRUCTION
- G - PURCHASING
- H -

VENDOR DOCUMENT:

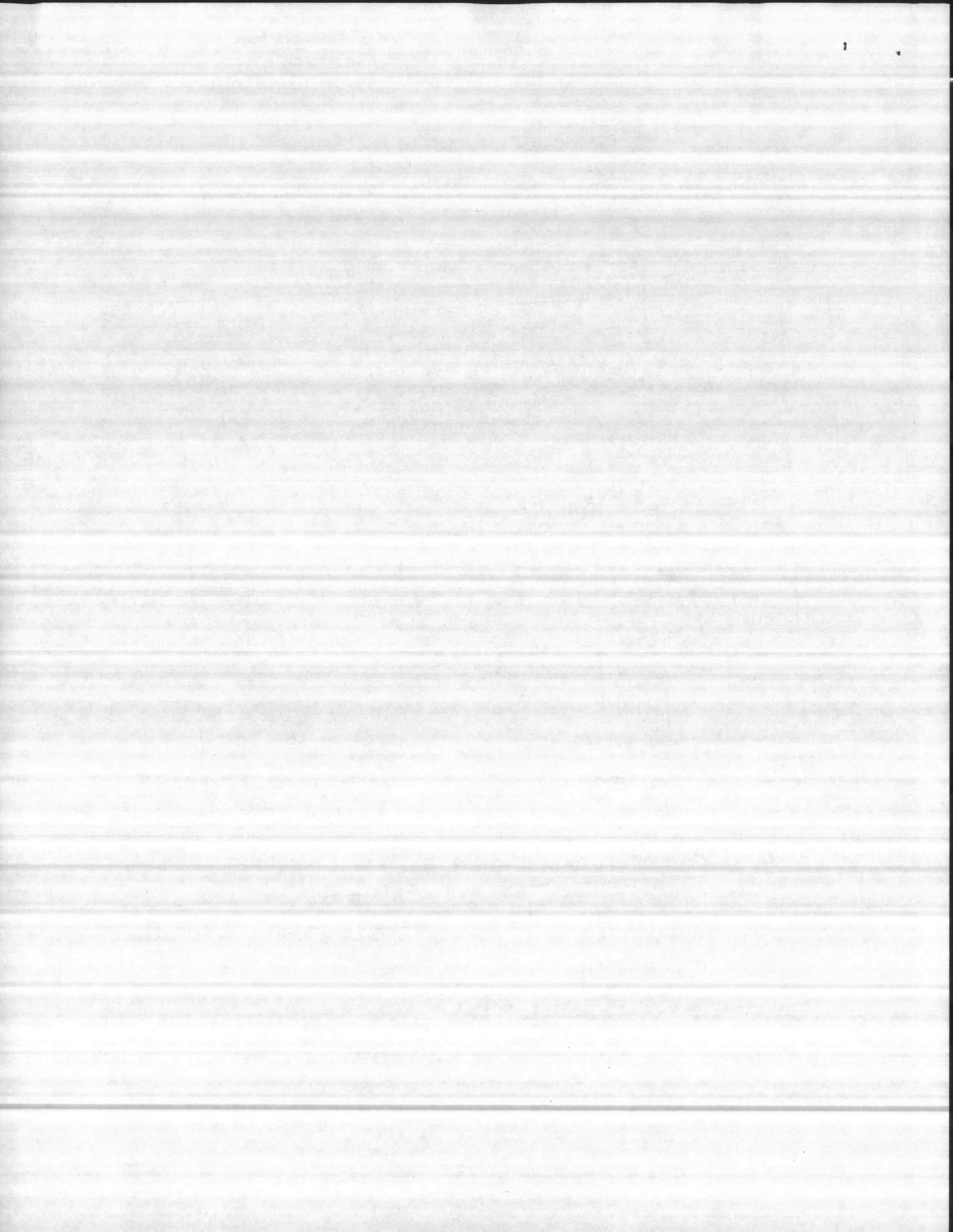
- K - NO CORRECTIONS NOTED
- L - MAKE CORRECTIONS NOTE
- M - REVISE AND RESUBMIT
- N - REJECTED (SEE REMARKS)

COPIES TO				QUAN	TRANS ONLY	CODE	COPIES TO				QUAN	TRANS ONLY	CODE
Cardinal Contracting				3									
ROICC				2									

REMARKS

PLEASE ACKNOWLEDGE RECEIPT BY IMMEDIATE RETURN OF SIGNED COPY OF THIS TRANSMITTAL

RECEIVED BY _____ DATE _____ TRANSMITTED BY Richard McKnight



DEPARTMENT OF THE NAVY
RESIDENT OFFICER IN CHARGE OF CONSTRUCTION
NAVAL REGIONAL MEDICAL CENTER
FIELD OFFICE
CAMP LEJEUNE, NC 28542

TELEPHONE NO.
353-3455

IN REPLY REFER TO:
RDC:jj
N62470-77-C-7526

APR 16 1981

From: Resident Officer in Charge of Construction, Naval Regional Medical Center,
Field Office, Camp Lejeune, North Carolina
To: Commander, Atlantic Division, Naval Facilities Engineering Command,
Norfolk, Virginia (Attn: Code 05)
Subj: Contract N62470-77-C-7526, 205 Bed Hospital, Naval Regional Medical
Center, Camp Lejeune, North Carolina

Ref: (a) Telecon btwn J. McLaren, LANTDIV and R. Coley, ROICC NRMC

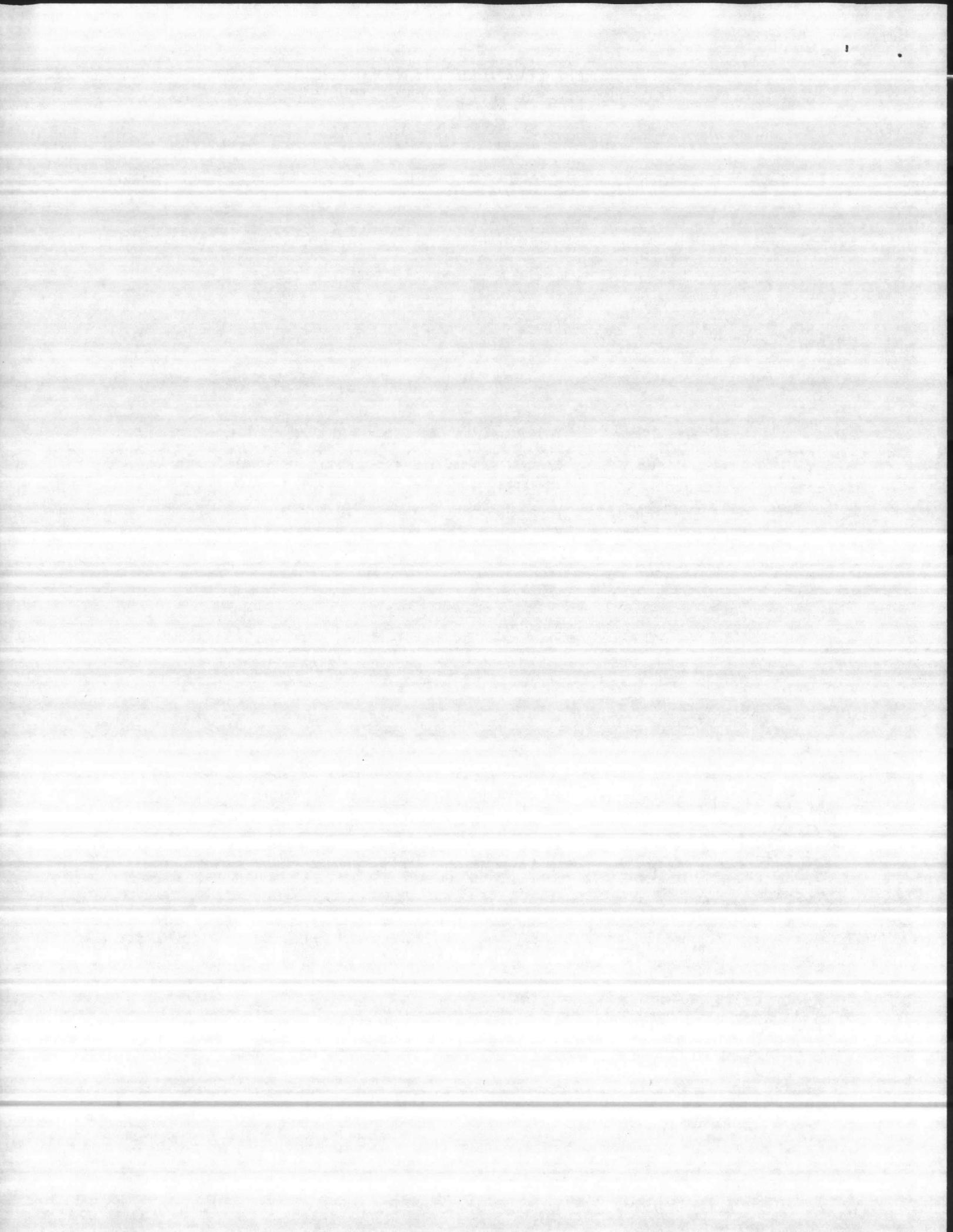
Encl: (1) Cardinal Contracting Co., Inc. ltr dtd 4 Apr 80

1. In accordance with reference (a), enclosure (1) providing additional in-
formation on the contractor's submittal #568 is forwarded for your information
and records.

R. D. COLEY
By direction

Copy to:
Lockwood-Greene/Six Assoc.
w/enclosure

→ Gen. Corr.
Sub. #568 w/encl
Reading file





CARDINAL

Contracting Co., Inc.

FIRST NATIONAL BANK BUILDING - SUITE 875
1401 MAIN ST. COLUMBIA, S.C. 29201 A/C 803-254-9064

PLEASE ADDRESS REPLY TO:

P. O. BOX 8408
CAMP LEJEUNE, N.C. 28542

April 4, 1980

Resident Officer in
Charge of Construction
Naval Regional Medical Center
Field Office
Camp Lejeune, North Carolina 28542

Attention: LCDR R. E. Carlson

RE: 205 Bed Hospital
Naval Regional Medical Center
Camp Lejeune, North Carolina
Contract No: N62470-77-C-7526

SUBJ: Transmittal #568, Item M-5552,
Nourishment Center

Gentlemen:

We transmit copy of the March 24, 1980, letter from Continental Metal Products Company for your advice in further reviewing the above captioned transmittal.

Very truly yours,

CARDINAL CONTRACTING COMPANY, INC.

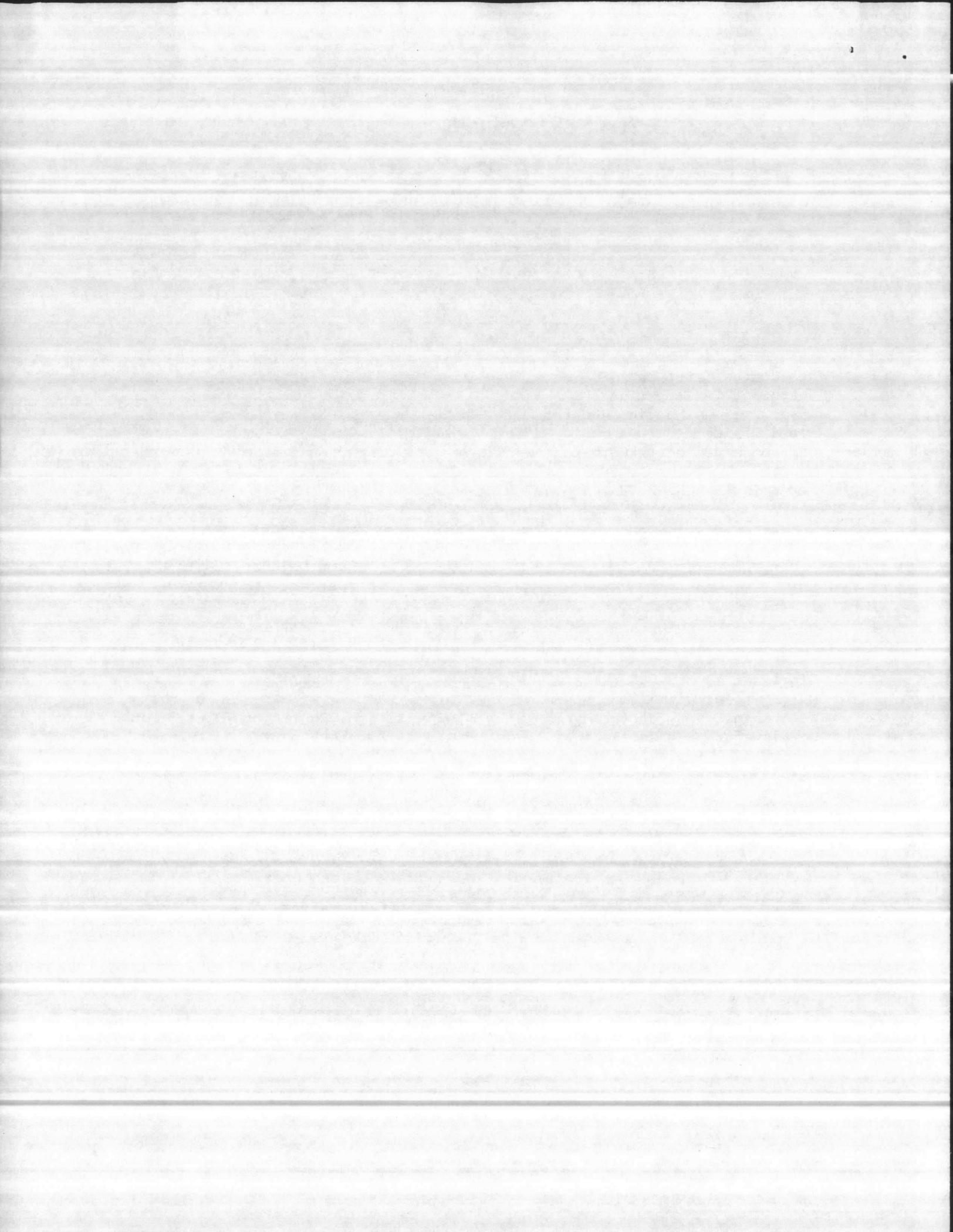
Wm. J. Haymaker

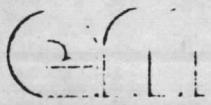
William J. Haymaker
CQC Representative

WJH:mw

Attachment as noted

cc: Dallas Office
Columbia Office




CONTINENTAL METAL PRODUCTS CO. INC.
35 OLYMPIA AVE., WOBURN, MASSACHUSETTS 01801
TELEPHONE (617) 935-4400

March 24, 1980

Cardinal Contracting Co., Inc.
P.O. Box 8408
Camp LeJeune, North Carolina 28542
Att: Mr. William J. Haymaker

Re: 205 Bed Hospital, Naval Regional Medical Center
Camp LeJeune, North Carolina

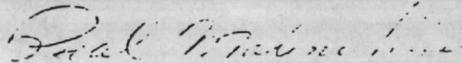
Dear Mr. Haymaker:

Reference is made to our previous telephone conversation concerning Section 11702, Item #M-5552, Nourishment Center.

1. Size of cold water supply - "CMP" submittal drawings indicates 3/4" cold water supply required, where-as 1/2" has been roughed for connections to this equipment. The 1/2" supply line will adequately suffice without impairing the performance or function of this equipment. The cold water supply is domestic tap water and does not have to be pre-chilled.
2. Water cooled compressor vs. air cooled. The "CMP" Nourishment Station employs a water cooled compressor unit for the icemaker as it is more efficient in high humidities and less overheating and eventual service is experienced, since the compressor is cooled by water and not warm air. It also requires less maintenance as there is no dust collecting condenser to vacuum periodically. An additional water connection is not required as all interpiping is performed at the factory.

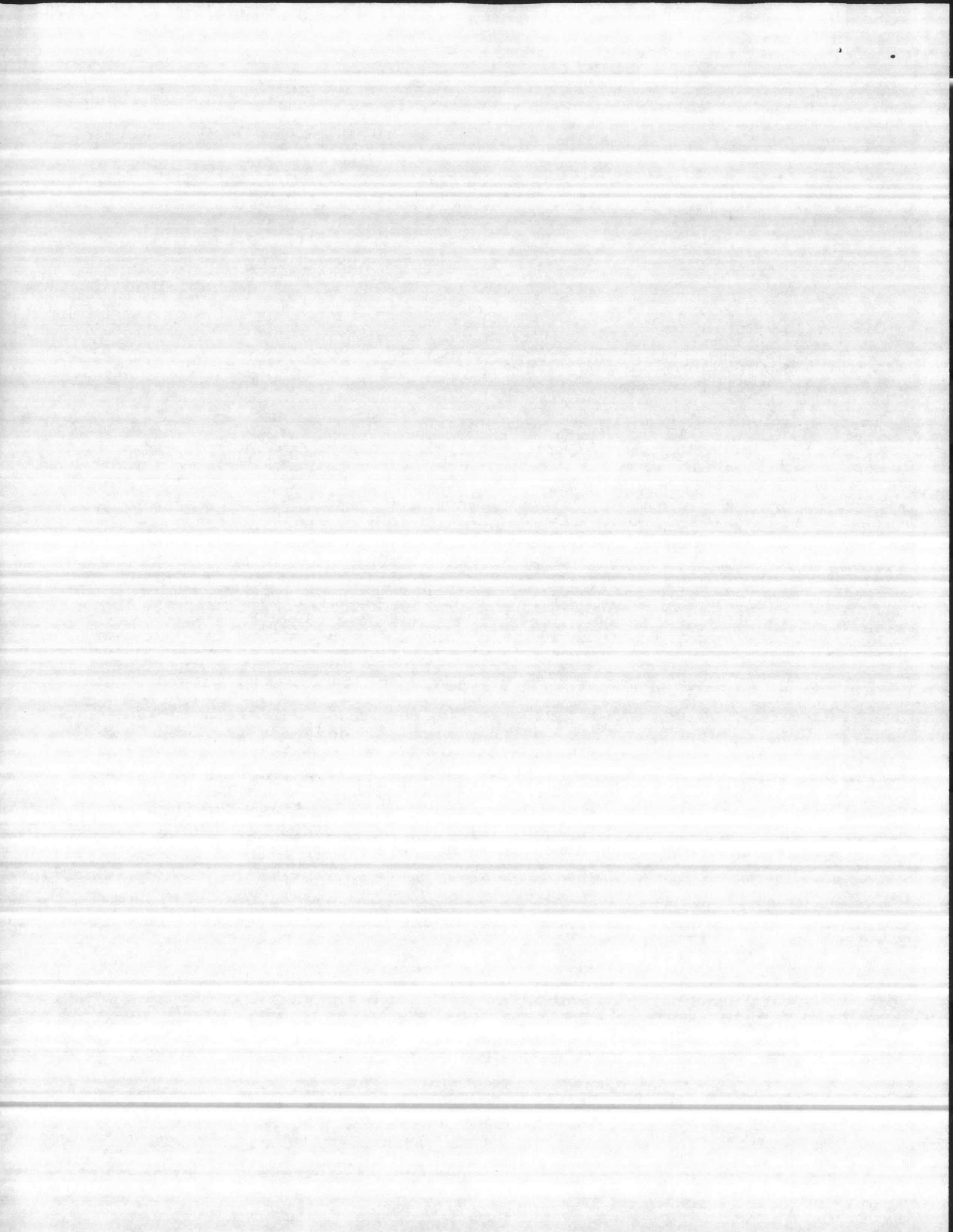
Very truly yours,

CONTINENTAL METAL PRODUCTS



Paul Malenchini
Vice President

PM:g



DEPARTMENT OF THE NAVY
RESIDENT OFFICER IN CHARGE OF CONSTRUCTION
NAVAL REGIONAL MEDICAL CENTER
FIELD OFFICE
CAMP LEJEUNE, NC 28542

TELEPHONE NO.
353-3455

IN REPLY REFER TO:
JR:jj
N62470-77-C-7526

JAN 10 1980

Cardinal Contracting Co., Inc.
Post Office Box 8408
Camp Lejeune, North Carolina 28542

RE: Contract N62470-77-C-7526, 205
Bed Hospital, Naval Regional
Medical Center, Camp Lejeune,
North Carolina

SUBJ: Medical Equipment, Submittals
(ME-4, 5, 6, 7)

Gentlemen:

Submittal 568 through 571 have been returned from the A&E with various comments on the equipment. In addition to the comments made by the A&E, your attention is brought to the following items.

1. For the pantry unit, single oven (ME-5) certification of the shielding of the micro-wave oven is required. See specification Section 11702, paragraph 7.5.2 (m).
2. For the autopsy table (ME-6), the table height shall be 36 inches. See specification Section 11702, paragraph 7.6.1.

If you have further questions on this subject, please advise.

Sincerely,

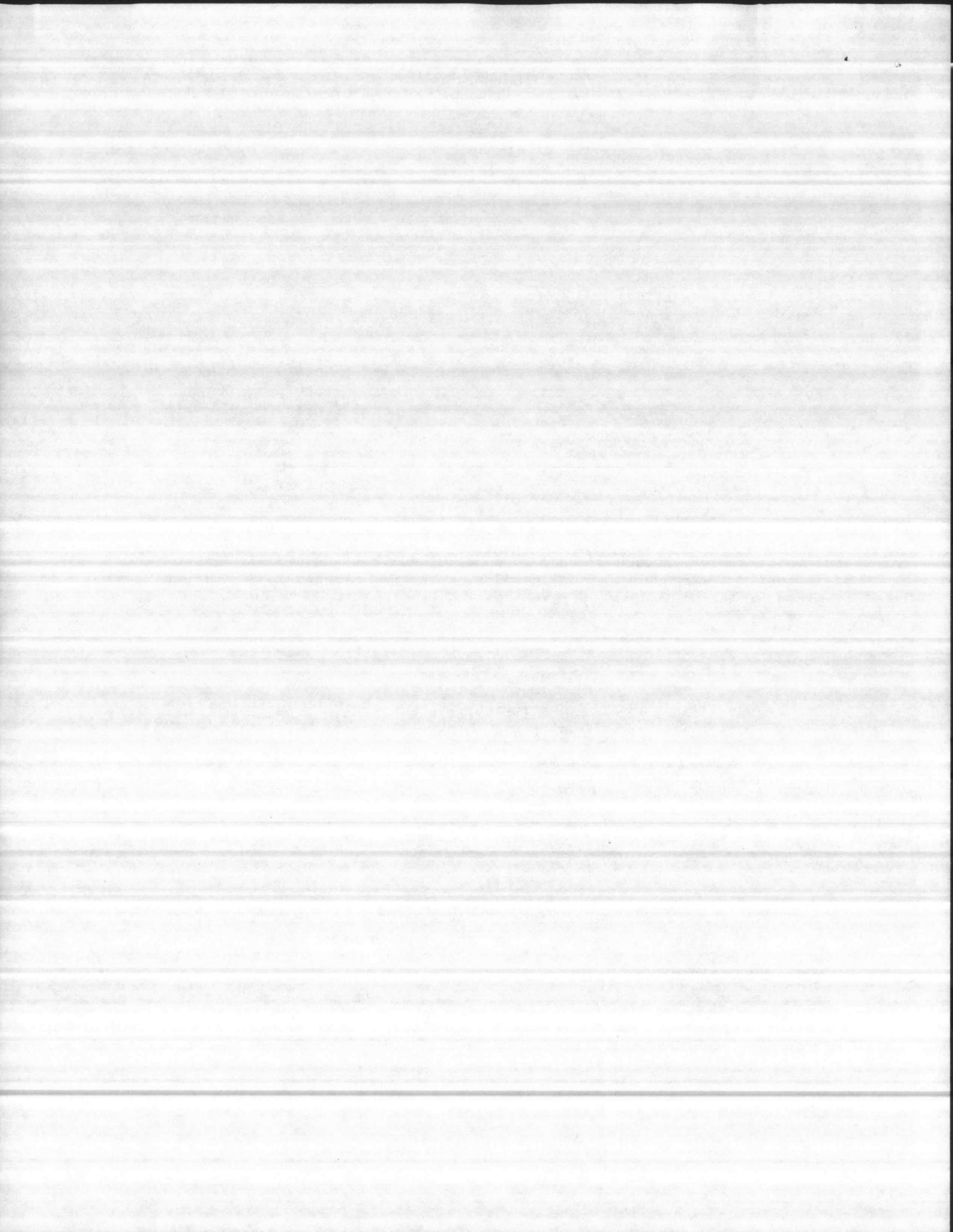
R. D. COLEY
Assistant Resident Officer in Charge
of Construction

Copy to: LANTDIV (Code 05)

Gen. Corr.

→ Submittal ME-4, 5, 6, 7

Gen. Reading file



NAVAL REGIONAL MEDICAL CENTER

CAMP LEJEUNE, N. C. 28542

IN REPLY REFER TO:

MCL0:HEP:ca

8 Nov 1979

MEMORANDUM FOR THE RESIDENT OFFICER IN CHARGE OF CONSTRUCTION, NAVAL REGIONAL MEDICAL CENTER, CAMP LEJEUNE, NORTH CAROLINA 28542

Subj: Review of Equipment Submittals on Medical Equipment Items ME-4, ME-5, ME-6, and ME-7

Encl: (1) Cardinal Contracting Company Submittal dtd 26 Oct 1979 on subject items
(2) MCL0 ltr 37-HEP:va to Lockwood Greene/Six Associates dtd 23 Aug 1978

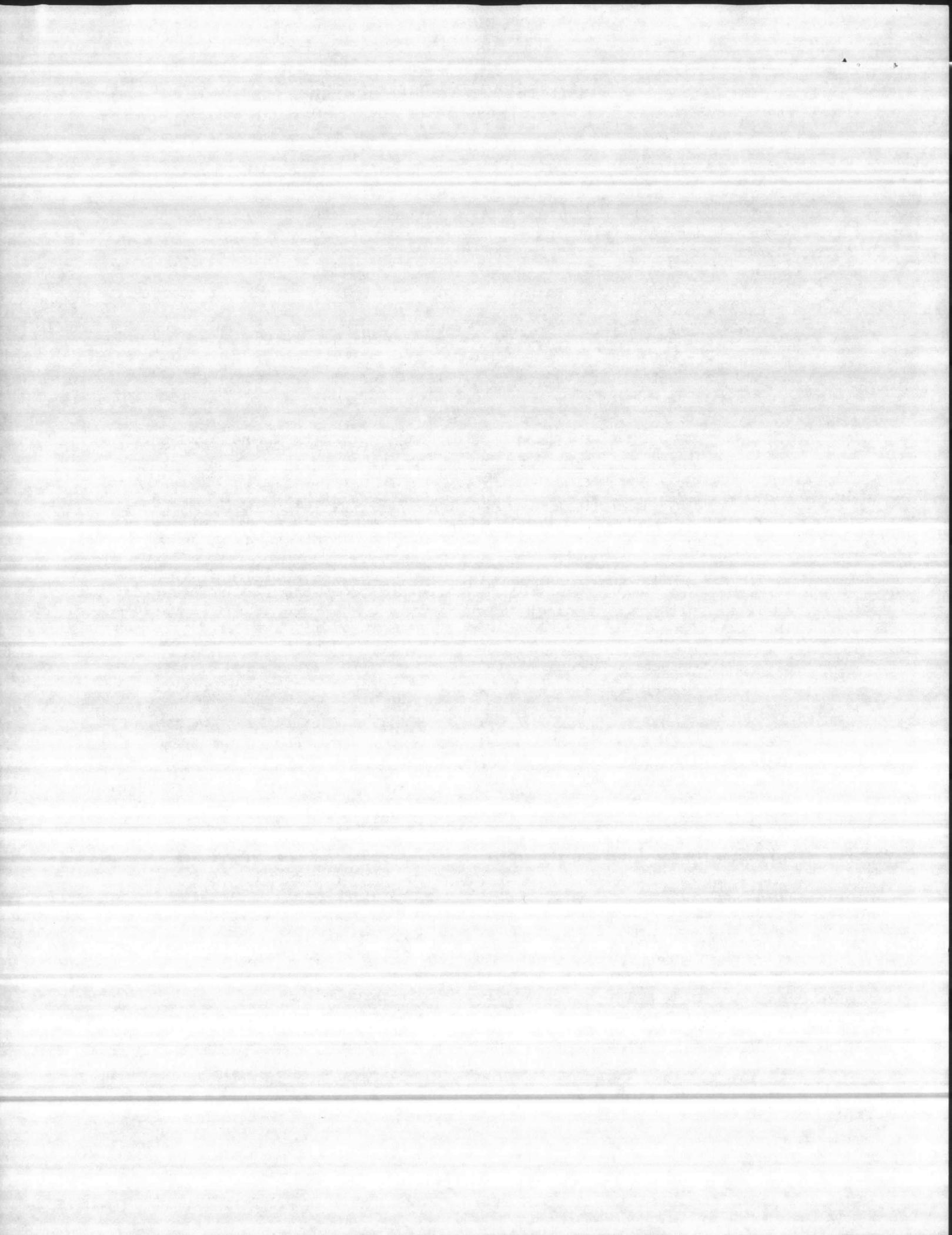
1. The information contained in enclosure (1) on the subject medical equipment items has been reviewed and the following comments are returned:

a. Medical Equipment Item ME-4, Medicine Service Center: The Continental Metal Products unit offered meets all contract specifications and is an acceptable unit for use.

b. Medical Equipment Item ME-5, Pantry Unit, Single Oven: The Continental Metal Products unit offered appears to meet all contract specifications. Although, Cardinal has not provided the information required on the operation of the microwave oven under Section 11702.7.5.2[d], nor have they provided the required information on oven shielding for the protection of pacemaker wearers required under Section 11702.7.5.2[m]. Submission of this information is required before the unit can be totally approved.

c. Medical Equipment Item ME-6, Autopsy Table: The Continental Metal Products unit submitted has numerous shortcomings. The unit is only 34" high vice the 36" height required by Section 11702.7.6.1. Working height is a significant factor in physician fatigue during an extended autopsy. We would view the 36" height as a minimum height desirable in an acceptable autopsy table. The submission does not identify the number of body slats that will be provided. It is assumed that Cardinal will provide the five required by Section 11702.7.6.2[h]. The irrigation assembly on the Continental Metal Products table does not meet the requirement for a knee operated valve as called for under Section 11702.7.6.2[f]. This table also lacks the Perimeter Flushing System used in cleaning the table required by Section 11702.7.7.2[j]. This capability is required to maintain an adequate level of sanitation on an autopsy table. Finally, the submission provides no information on the $\frac{1}{2}$ horsepower waste disposal unit required by Section 11702.7.6.2[1]. Due to the numerous problems cited, it is not felt the Continental Metal Products autopsy table meets the required contract specifications and should be rejected.

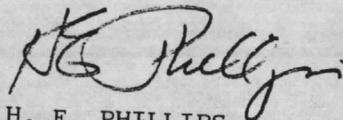
d. Medical Equipment Item ME-7, IV Additive Station: The Continental Metal Products unit offered does not meet any of the contract requirements



MCL0:HEP:ca
8 Nov 1979

and is totally unacceptable. The contract specification speaks to the requirement for a 4' long and 6' long laminar flow hood. By this, we mean the working surface that is covered by filtered air. Enclosure (2) is provided for your information and contains the basic requirements that were included in the specification for this piece of equipment. It also contains two possible sources of supply for the type of unit desired. Provision of the correct unit will in fact result in a significant savings to the contractor.

2. Should there be any questions with regard to the comments above, or any additional information that can be provided on the subject items, please contact me.



H. E. PHILLIPS
LCDR, MSC, USN
Medical Construction Liaison Officer

